

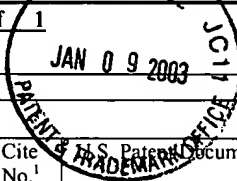
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Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 09/318,445
		Filing Date : May 25, 1999
		First Named Inventor: S. MIYOSHI
		Group Art Unit : 2631
		Examiner Name : P. KUMAR
		Attorney Docket No. : FUJA 16.140

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 1 of 1



**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
ph		5,680,394	BINGHAM, et al.	10/21/1997	
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**FOREIGN DOCUMENTS**

Technology Center 2600

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
ph		63-92135	JP	FUJITSU LTD	04/22/1988	
ph		98/52312	WO	AMATI COMMUNICATIONS CORPORATION	11/19/1998	
ph		0 966 134	EP	FUJITSU LIMITED	12/22/1999	
ph		1 018 831	EP	mitsubishi denki kabushiki kaisha	07/12/2000	

**Other Prior Art-Non Patent Literature Documents**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
ph		OKAMURA, et al. "ADSL SYSTEM FOR TIME PERIODIC NOISE ENVIRONMENTS" NEC RESEARCH AND DEVELOPMENT, NIPPON ELECTRIC LTD., TOKYO JP.; Vol. 40, no. 1, January 1999, Pages 64-69: XP000869790: ISSN: 0547-051X	
ph		INTERNATIONAL TELECOMMUNICATION UNION: "G.992.2 ASYMMETRIC DIGITAL SUBSCRIBER LINE (ADSL) TRANSCEIVERS" ITU.T RECOMMENDATION SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS, June 22, 1999, XP002200769: pp. 111-145	
Examiner Signature	[Signature]		Date Considered 6/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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